EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3123	398/92,79,81,84,85,87,92,95,97.ccls.	US-PGPUB; USPAT	NEAR	ON	2010/12/04 22:49
L2	5	398/92,79,81,84,85,87,92,95,97.ccls. and edfa with population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/04 22:50
L6	9	(pump$4 light and (dispersion compensation or dispersion wavelength or dcm) and (edfa)).clm.	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:03
L7	19	(pump$4 and (dispersion compensation or dispersion wavelength or dcm) and (edfa)).clm.	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:05
L9	6	((edfa and population inversion)).clm.	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:05
L11	467	(Masuda-Hiroji$ Sato-Kenji$ Miyamoto-Yutaka$).in.	US-PGPUB; USPAT	OR	ON	2010/12/04 23:06
L13	4	(pump$4 and (dispersion compensation or dispersion wavelength or dcm) and (edfa)) and l11	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:07
L14	4	((forward and backward) pump$4 and (dispersion compensation or dispersion wavelength or dcm) and (edfa)) and l11	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:28
L15	5	((forward and backward) pump$4 and (dispersion compensation or dispersion wavelength or dcm) and (edfa)) and l1	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:28
L16	15	(forward and back$ward) pump$4 and l11	US-PGPUB; USPAT	NEAR	ON	2010/12/04 23:30
L17	3	(Masuda-Hiroji$ Sato-Kenji$ Miyamoto-Yutaka$).in. and pump and dcf and edfa	US-PGPUB; USPAT	OR	ON	2010/12/04 23:31
S1	32	chang$4 wavelength with traffic$2	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:14
S3	20	wavelength with traffic$2 condition$3	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:26
S7	1	wavelength with (traffic$2) with (day and night)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:32
S8	160	wavelength with (day and night)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:32
S9	133	wavelength with (day with night)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:32
S13	113496	wavelength with (chang$4 or dynamic$4 or vari$6)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:34
S14	33702	wavelength (chang$4 or dynamic$4 or vari$6)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:34
S15	93	wavelength (chang$4 or dynamic$4 or vari$6 or condition$2) with (day or night or traffic)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:35
S16	11	wavelength (chang$4 or dynamic$4 or vari$6 or condition$2) near (day or night or traffic)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 18:35
S17	26	masuda and forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:27

S18	2	masuda and forward pump with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:28
S19	25	masuda and forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:29
S20	10	l$band signal and forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:39
S22	16	l$band with forward pump and nm	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:39
S28	16	l$band with forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 19:58
S29	11	control$4 forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:11
S30	233	control$4 with forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:16
S31	35	control$4 with (forward and backward) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:17
S32	256	control$4 with (forward$3) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:24
S33	12	control$4 (forward$3) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:24
S34	64	control$4 near2 (forward$3) pump	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:24
S35	5	control$4 near2 (forward$3) pump with wavelength$2	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:26
S36	5	control$4 near2 (forward$3) pump with (wavelength$2 or channel$2)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:26
S37	38	control$4 with (forward$3) pump with (wavelength$2 or channel$2)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:27
S38	22	control$4 with (forward$3) pump with (wavelength$2)	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:27
S48	9833	wavelength control$4	US-PGPUB; USPAT	NEAR	ON	2010/08/03 20:50
S53	77	forward$4 pump$4 wavelength control$4	US-PGPUB; USPAT	WITH	ON	2010/08/04 09:55
S56	47	forward$4 pump$4 with wavelength with control$4	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:57
S57	17	forward$4 pump$4 with wavelength with control$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:58
S58	398	pump$4 wavelength with control$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:59
S59	90	pump$4 wavelength control$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 09:59
S60	30	pump$4 wavelength control$4 and @ad<="20040623" and forward	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:00
S61	18	pump$4 wavelength control$4 and @ad<="20040623" and forward with pump	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:00
S62	21	pump$4 wavelength control$4 and @ad<="20040623" and forward with pump$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01
S63	21	pump$4 wavelength control$4 and @ad<="20040623" and forward with $4pump$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01
S64	21	pump$4 wavelength control$4 and @ad<="20040623" and forward with $6pump$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01

S65	21	pump$4 wavelength control$4 and @ad<="20040623" and forward with $8pump $3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:01
S66	6	("20020054733" | "6292288").PN. OR ("6674568").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/04 10:14
S67	18	("5136600" | "5313480").PN. OR ("5684590"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/04 10:18
S69	141	variable wavelength near2 pump$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:20
S71	114	variable wavelength near pump$4 and @ad<="20040623"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:21
S73	4	variable wavelength near pump$4 and @ad<="20040623" and forward pump$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:21
S74	15	var$7 wavelength near pump$4 and @ad<="20040623" and forward pump$3	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:23
S75	58	forward pump$4 and "1440"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:43
S76	2	forward pump$4 with "1440"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 10:43
S80	49	forward pump and wavelength with "120"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 11:01
S81	8	forward pump and wavelength with "120 nm"	US-PGPUB; USPAT	NEAR	ON	2010/08/04 11:02
S102	2013	zero dispersion near2 wavelength$2	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:41
S103	1898	zero dispersion wavelength$2	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:41
S104	204	zero dispersion wavelength$2 nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:41
S105	1044	zero dispersion wavelength$2 with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:42
S106	62	zero dispersion wavelength$2 with silica with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:42
S107	20	zero dispersion wavelength$2 with silica fib$5 with nm	US-PGPUB; USPAT	NEAR	ON	2010/08/04 17:42
S112	192	non-zero dispersion-shifted fiber	US-PGPUB; USPAT	NEAR	ON	2010/08/04 18:14
S113	186	non-zero dispersion-shifted fiber	US-PGPUB; USPAT	ADJ	ON	2010/08/04 18:14
S115	20	non-zero dispersion-shifted fiber and forward pump$4	US-PGPUB; USPAT	ADJ	ON	2010/08/04 18:14
S130	14	(non$zero dispersion shift$4 fiber or nzdf) and forward pump	US-PGPUB; USPAT	NEAR	ON	2010/08/05 14:50
S131	64	(non$zero dispersion shift$4 fiber or nzdf) and forward pump$3	US-PGPUB; USPAT	NEAR	ON	2010/08/05 14:50
S132	69	(non$zero dispersion shift$4 fiber or nzdsf) and forward pump$3	US-PGPUB; USPAT	NEAR	ON	2010/08/05 14:54
S148	27	dynamic wavelength allocation	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:16
S149	1274	dynamic bandwidth allocation	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:18

S150	1	dynamic bandwidth allocation with (day and night)	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:18
S151	3	dynamic bandwidth allocation with (day or night)	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:18
S152	4	dynamic bandwidth allocation with (day or night or bussiness or resident)	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:18
S154	126	dynamic bandwidth allocation with (traffic)	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:20
S155	30	dynamic bandwidth allocation with (traffic) with time	US-PGPUB; USPAT	NEAR	ON	2010/08/05 18:20
S172	12	(EDFA near2 gain equaliz$7n filter)	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:01
S173	17	(EDFA near2 gain equaliz$7 filter)	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:01
S174	3	(EDFA near2 gain equaliz$7 filter) and population inversion	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:01
S175	1310	(erbium-dop$4 fib$2 amplif$4 or edfa) with filter$4	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:16
S176	434	(erbium-dop$4 fib$2 amplif$4 or edfa) with (filter$4 and (population invertion detect$4 or monitor$4 or control$4))	US-PGPUB; USPAT	NEAR	ON	2010/08/06 13:17
S181	4	tunable forward pump light	US-PGPUB; USPAT	WITH	ON	2010/08/14 18:20
S182	7	tunable pump light	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:21
S183	2	tunable pump light and forward and backward	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:22
S184	3	(tunable or dynamic$4 or variab$5 or adjust$4) wavelength$2 pump light and forward and backward	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:23
S185	109	(tunable or dynamic$4 or variab$5 or adjust$4) wavelength$2 pump light and forward and backward	US-PGPUB; USPAT	WITH	ON	2010/08/14 18:27
S189	22	(tun$5 or dynamic$4 or vari$7 or adjust$4) near2 wavelength$2 with forward pump$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:29
S190	341	(tun$5 or dynamic$4 or vari$7 or adjust$4) near2 wavelength$2 with pump$4 with control$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:33
S194	16	pumping wavelength control$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:36
S195	4	pumping wavelength control$4 and forward	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:38
S196	26	pump$4 near2 wavelength control$4 and forward pump$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:39
S197	22	(tun$5 or dynamic$4 or vari$7 or adjust$4) near2 wavelength$2 with forward pump$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 18:50
S198	43	(tun$5 or dynamic$4 or vari$7 or adjust$4) near2 forward pump$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 19:03
S199	420	(tun$5 or dynamic$4 or vari$7 or adjust$4) pump$4 wavelength	US-PGPUB; USPAT	NEAR	ON	2010/08/14 19:04
S200	21	(tun$5 or dynamic$4 or vari$7 or adjust$4) pump$4 wavelength and forward pump$4	US-PGPUB; USPAT	NEAR	ON	2010/08/14 19:05
S201	2	"1440" forward pump$4	US-PGPUB; USPAT	WITH	ON	2010/08/14 19:12

S202	5	fbg forward pump$4	US-PGPUB; USPAT	WITH	ON	2010/08/14 19:16
S203	143	(tun$5 or dynamic$4 or vari$7 or adjust$4) pump$4 wavelength	US-PGPUB; USPAT	ADJ	ON	2010/08/14 19:20
S204	46	(tun$5 or dynamic$4 or vari$7 or adjust$4) pump$4 wavelength and forward	US-PGPUB; USPAT	ADJ	ON	2010/08/14 19:20
S207	22	(tun$5 or dynamic$4 or vari$7 or adjust$4 or chang$4 or reconfigur$5 or program$7) pump$4 wavelength and forward pump$5	US-PGPUB; USPAT	ADJ	ON	2010/08/14 19:21
S221	1	"20010017866" and wavelength	US-PGPUB; USPAT	NEAR	ON	2010/08/15 17:47
S222	22	edfa with in$line repeater	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:31
S223	119	edfa with population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:32
S224	3	edfa with population inversion adjust$5	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:32
S225	26	("20010044369" | "20010046934" | "20020038861" | "20020041436" | "20020071948" | "20020113241" | "20020163108" | "20030063892" | "20030064878" | "20050035331" | "20050064604" | "20050092029" | "20050284184" | "20060128551" | "3785834" | "5271754" | "6235667" | "6396623" | "6410467" | "6465381" | "6599852" | "6667256" | "6764746" | "6914024" | "6936556").PN. OR ("7170674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/01 13:33
S226	1	S222 and S223	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:35
S227	1	edfa with in$line repeater and population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:35
S228	71	gain equaliz$5 near2 filter$4 and population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:37
S229	2	gain equaliz$5 near2 filter$4 with population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:37
S230	4	gain equaliz$5 near2 filter$4 same population inversion same edfa	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:37
S231	1	gain equaliz$5 near2 filter$4 same population inversion adjust$5 circuit and edfa	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:38
S232	1	gain equaliz$5 near2 filter$4 and population inversion adjust$5 circuit and edfa	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:39
S233	3	edfa with population inversion adjust$5	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:40
S234	119	edfa with population inversion	US-PGPUB; USPAT	NEAR	ON	2010/12/01 13:41

EAST Search History (Interference)

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